MAK POWER SYSTEMS

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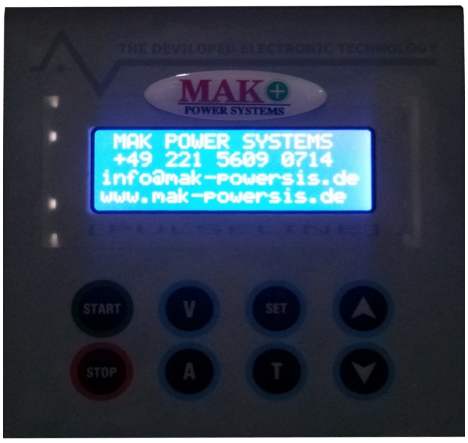
R-MAK Series User Manual
480VAC / 60HZ
0.1V – 24V / 1A – 3000A



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Start The Machine /
It will increase the stetted value

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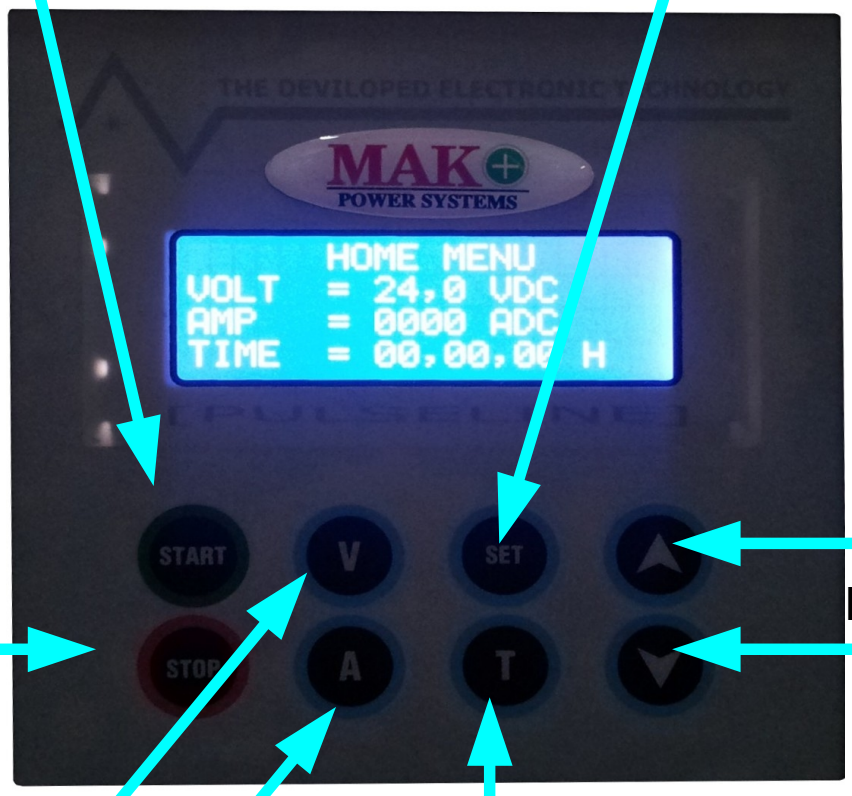
It will increase the stetted value



Stop the
Machine

UP Buton

Down Buton

To adjust Voltage

To adjust Current

Timer / You can set
Process Time

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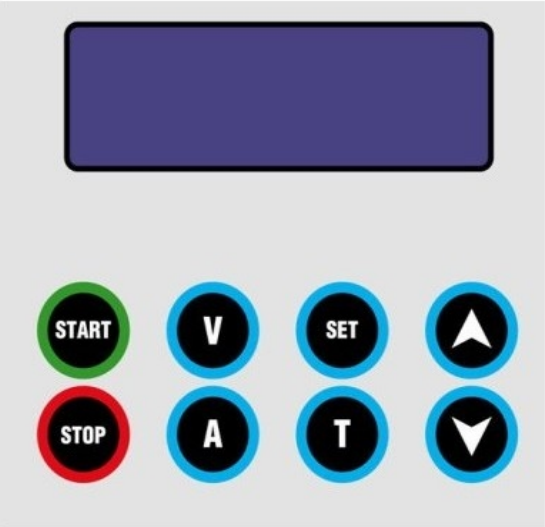

General features :

* Microprocessor-based software
* True-rms measurement
* Digital lcd screen
* The robust construction
* Aesthetic appearance
* 600 Hz output frequency
* Special communication protocol
* Volt current speed and time adjustment
* İs not affected by power outages
* Precision voltage adjustment
* Precision current control
* Precise time setting
* Automatic shut-off when finished
* Over-current protection
* Over-heat protection
* Short-circuit protection
* Ripple at Half Load %5

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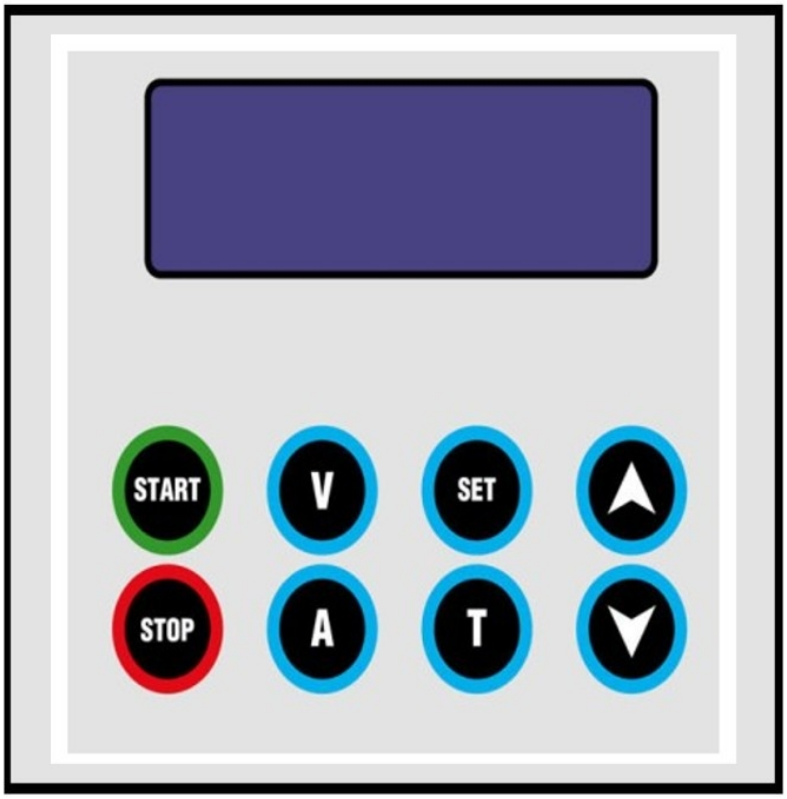
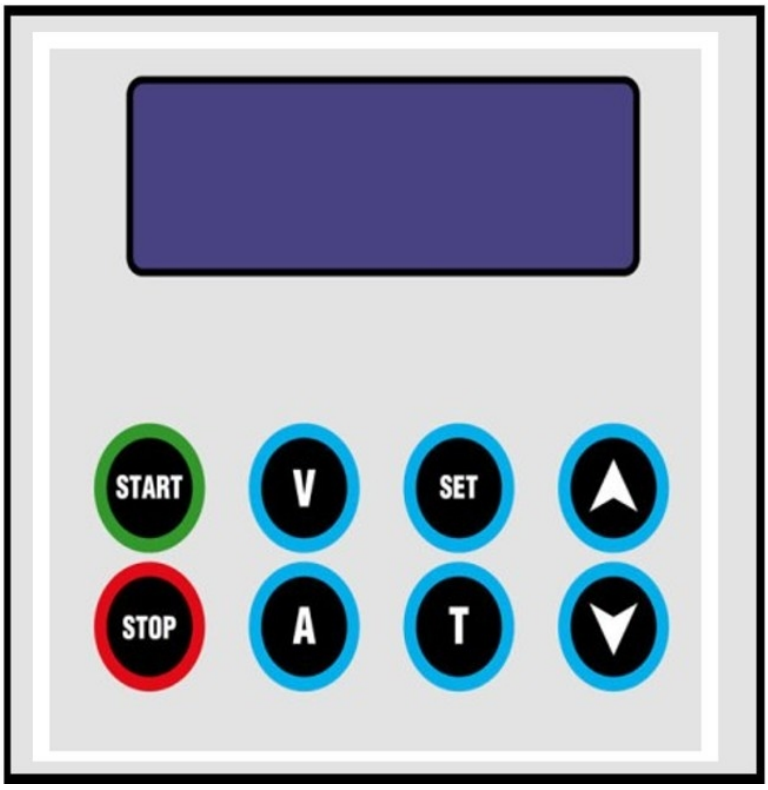


VOLT ADJUSTMENT : Reduce speed volt upgrade
(Up/Down + Set button)

1) Press volts (V)
2) Increase voltage by pressing the up
3) By registering with the set button to exit the menu

REGISTER SET BUTON



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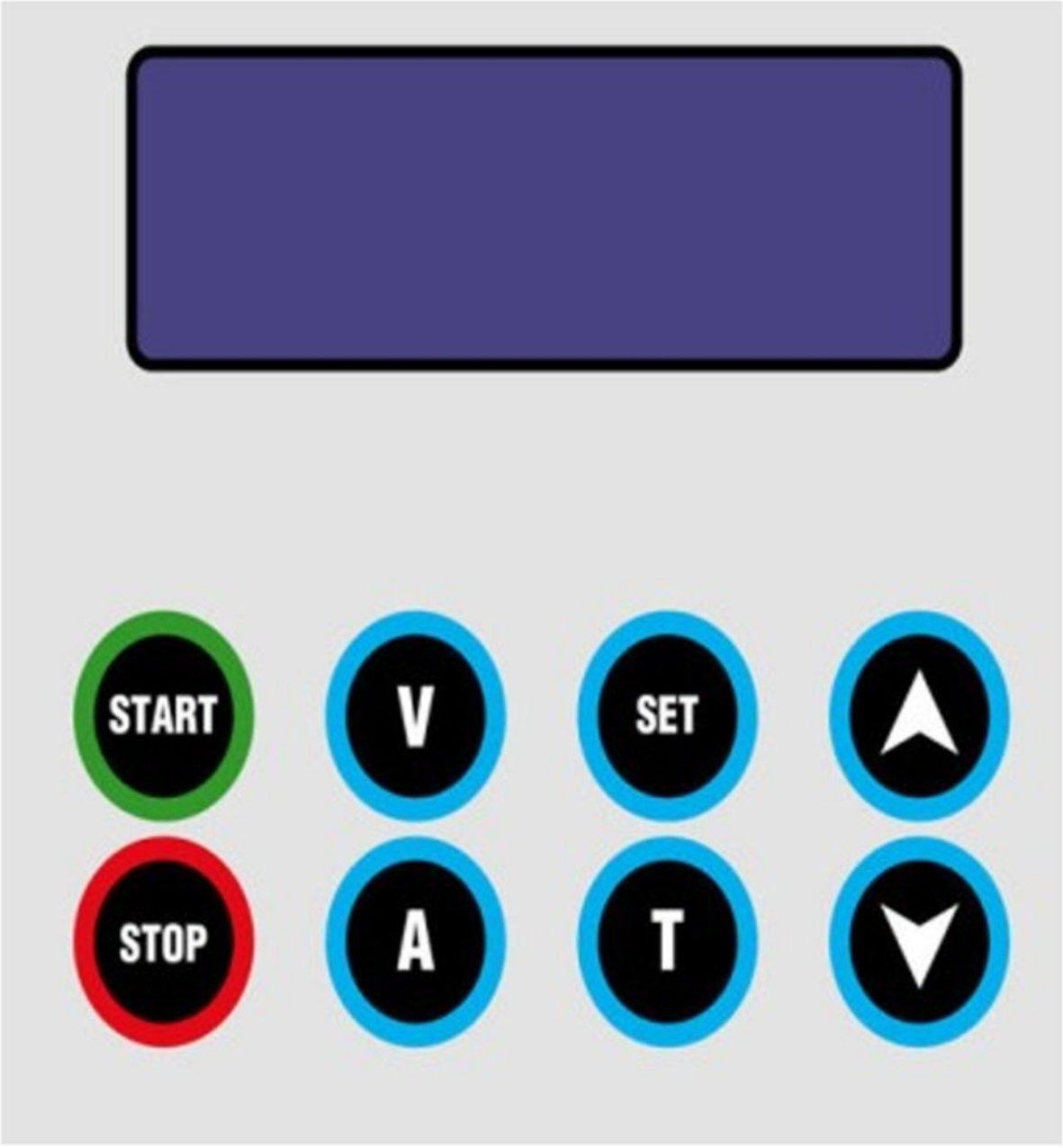
CURRENT ADJUSMENT : Reduce speed Amp upgrade
(Up/Down + Set button)

1) Press Amp (A)
2) Increase amp by pressing the up
3) By registering with the set button to exit the menu

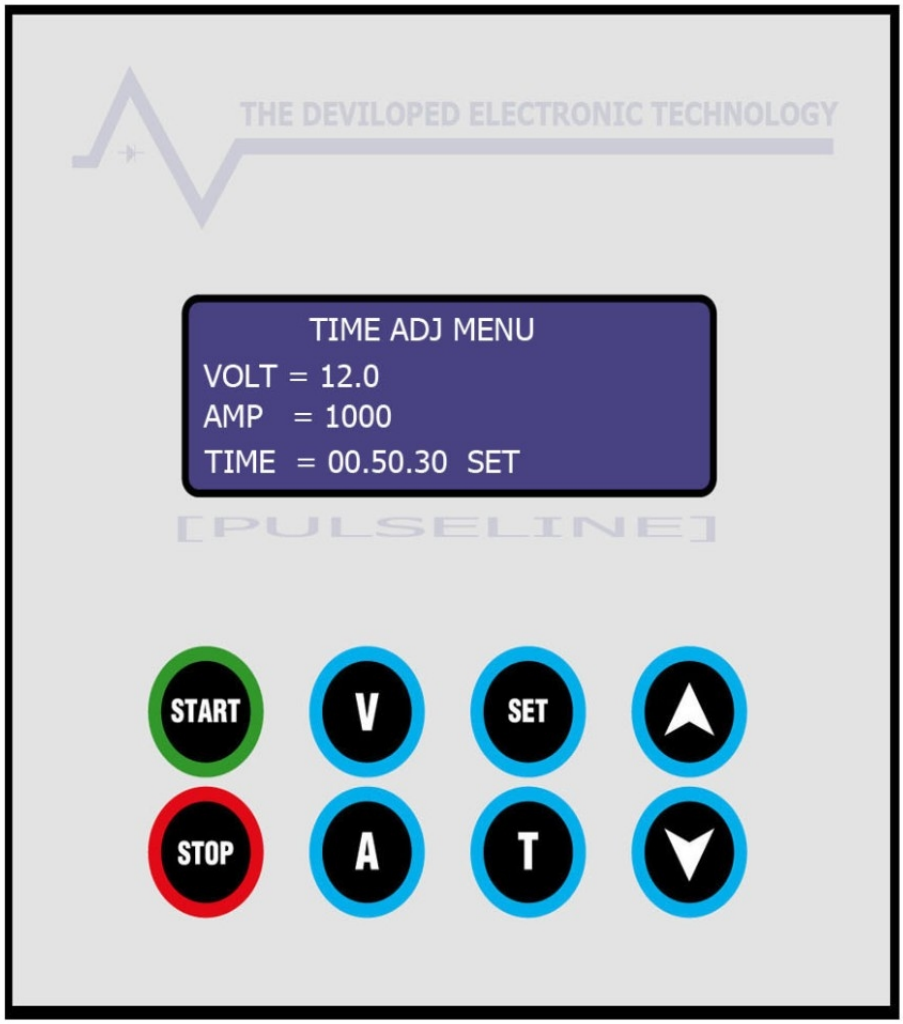
REGISTER SET BUTTON



TIME ADJUSMENT : Reduce speed time upgrade
(Up/Down + Set button)

1) Press Time (T)
2) Increase time by pressing the up
3) By registering with the set button to exit the menu
*TIME FOR
00.00.00 —— Sec
| |
Hour Minute

REGISTER SET BUTTON
When time stops automatically



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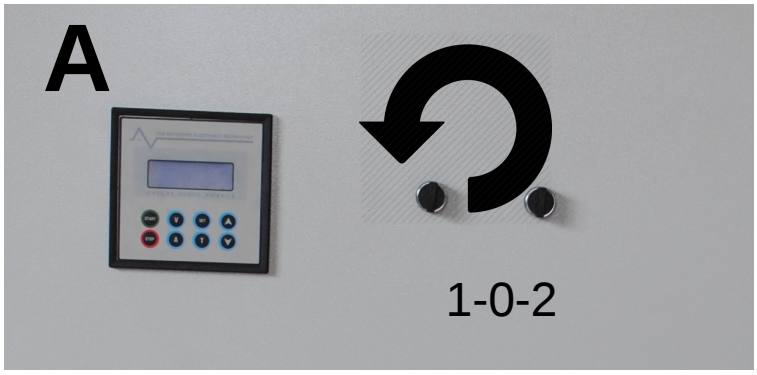
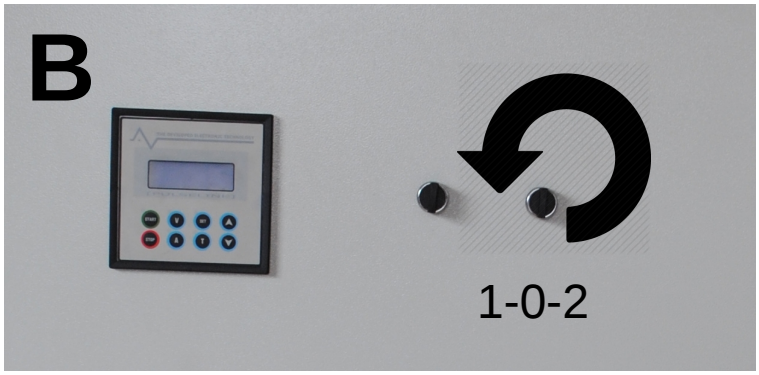
Constant DC and Screen Management

A) Constant Output 15A / 24V Switch



A1) Constant Output
A0) Off
A2) Rectifier On

B) Screen Control



B1) Screen Main
B0) Off
B2) Screen Secondary

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External Screen

On Board Screen

Transformer
Step Down

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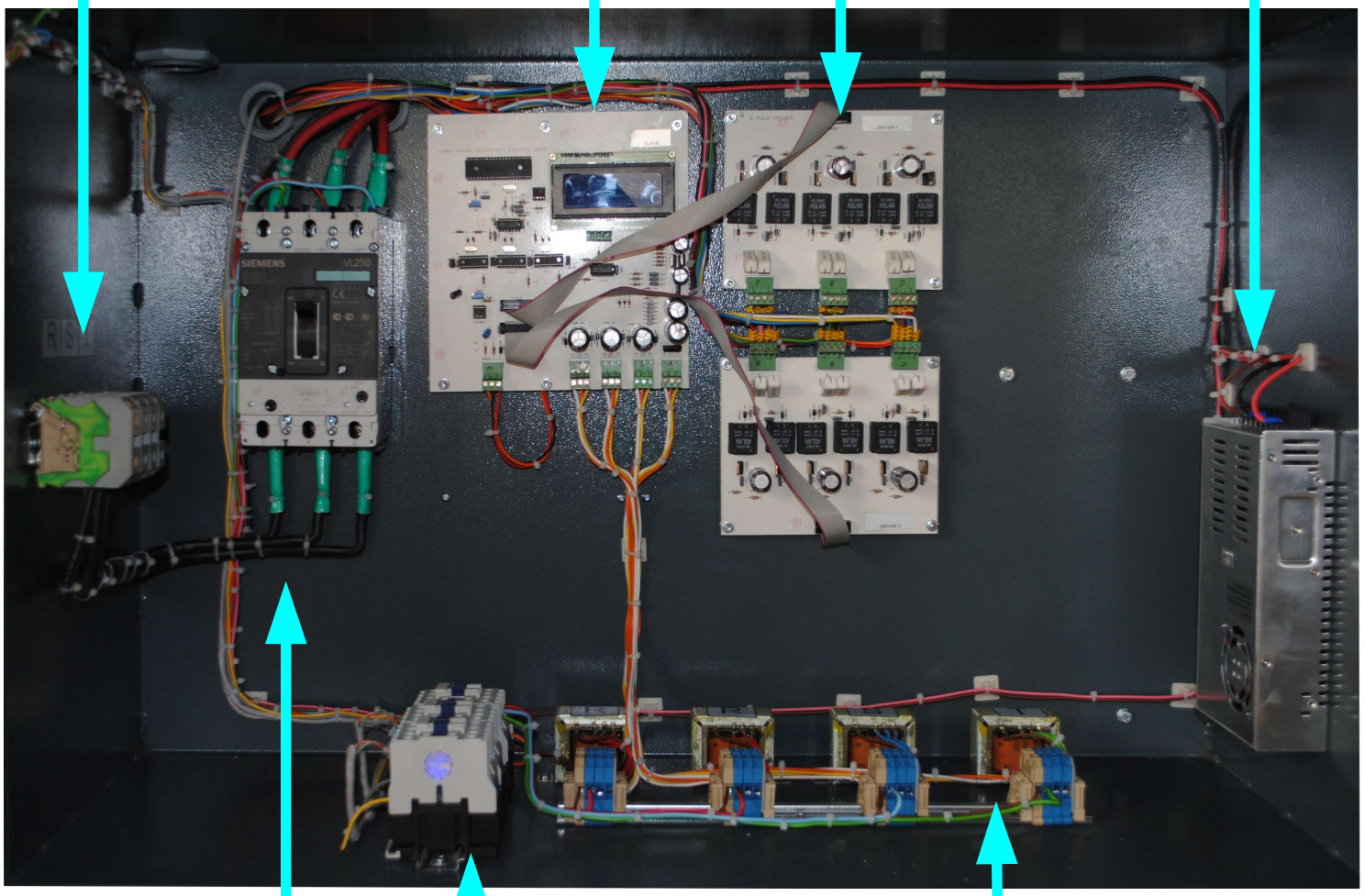
Main Controller Board
12 Pulse Drivers
24V / 15A Constar
Three Phase Input
Thermic Magnetic Circuit Breaker
Rectifier Start Stop Signal Contactors
Isolation Transformers Protection for Electronic Cards

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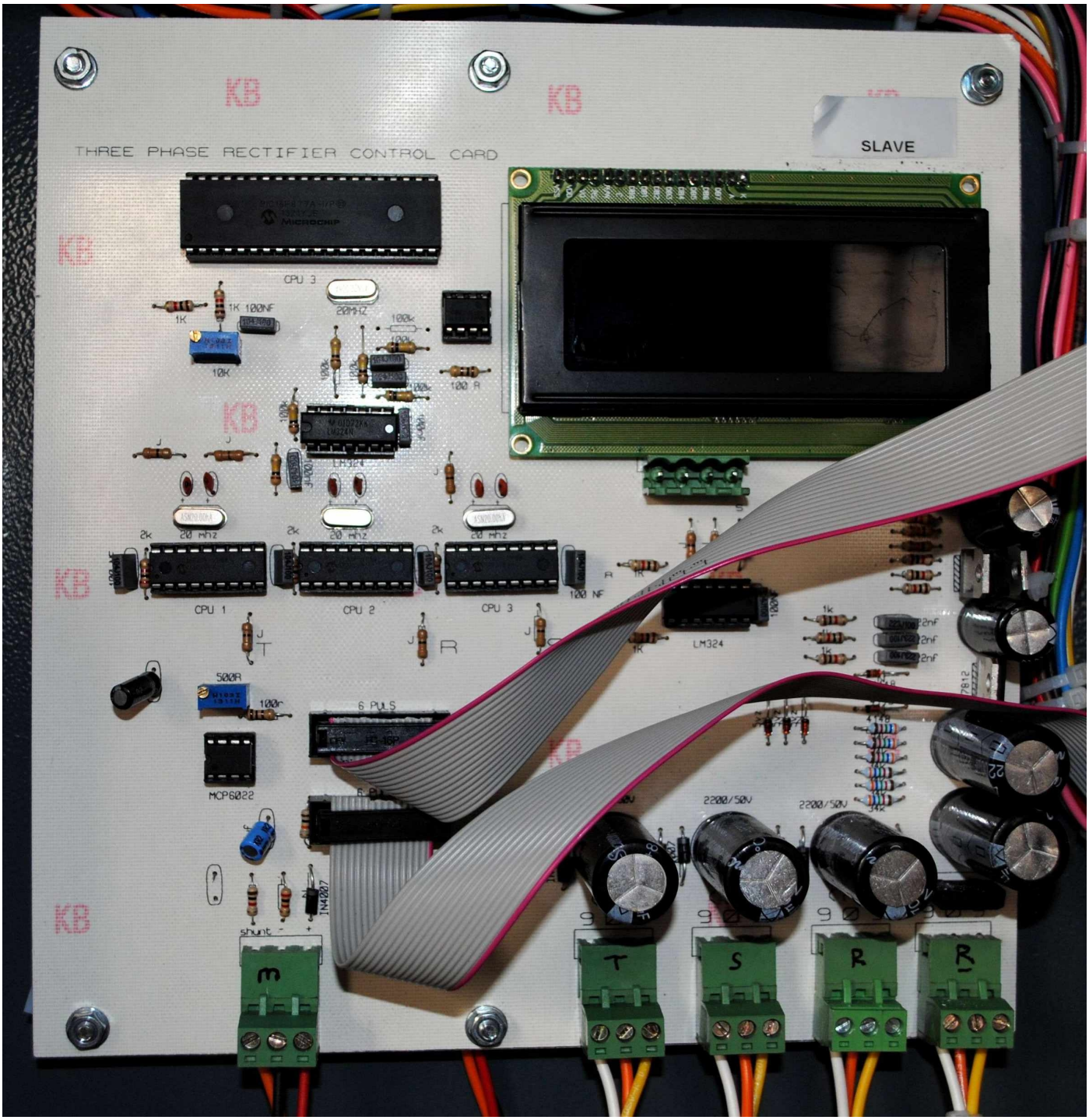
Main Controller Board



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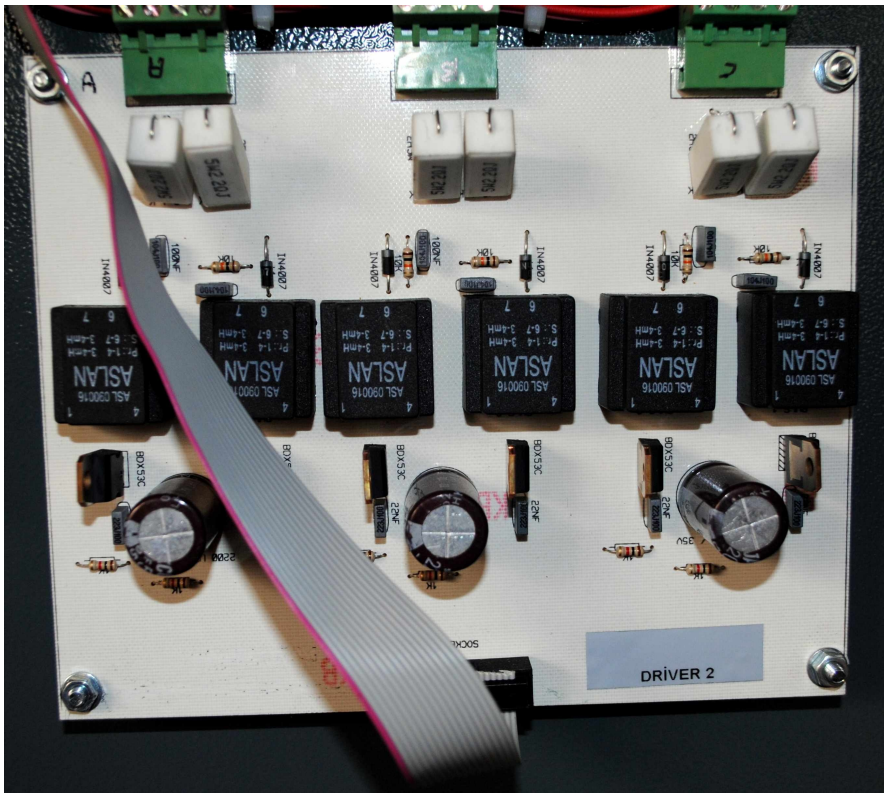
Thristor Drivers



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Snubber filter Card

Thyristors

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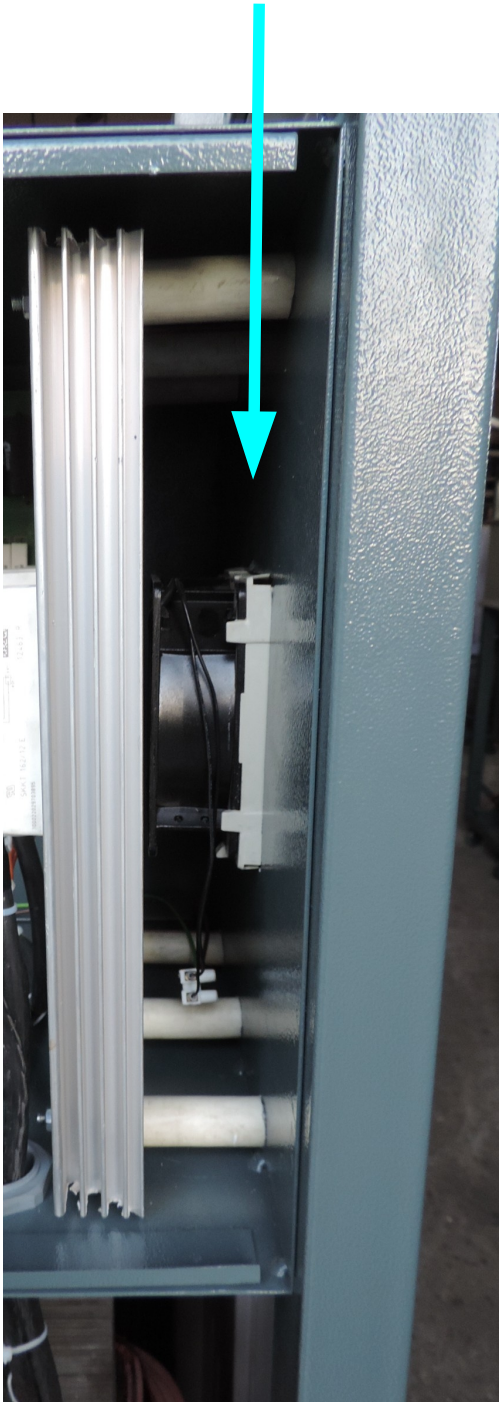
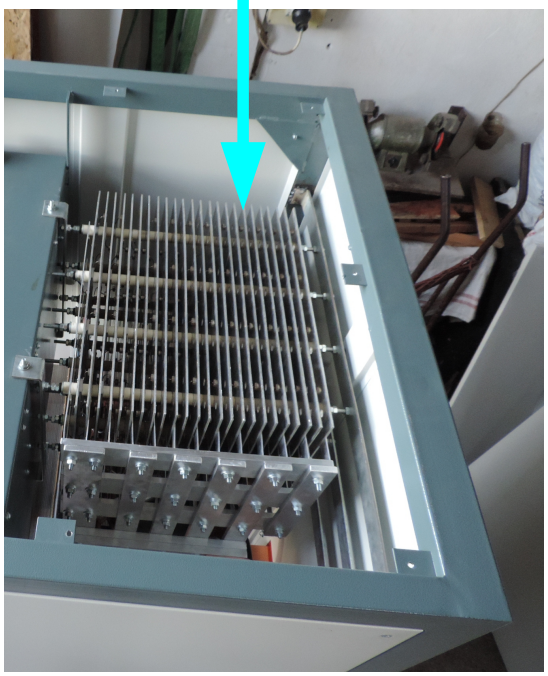
Thyristor Cooler and Fan



Bridge Diode Groups / Rectifying



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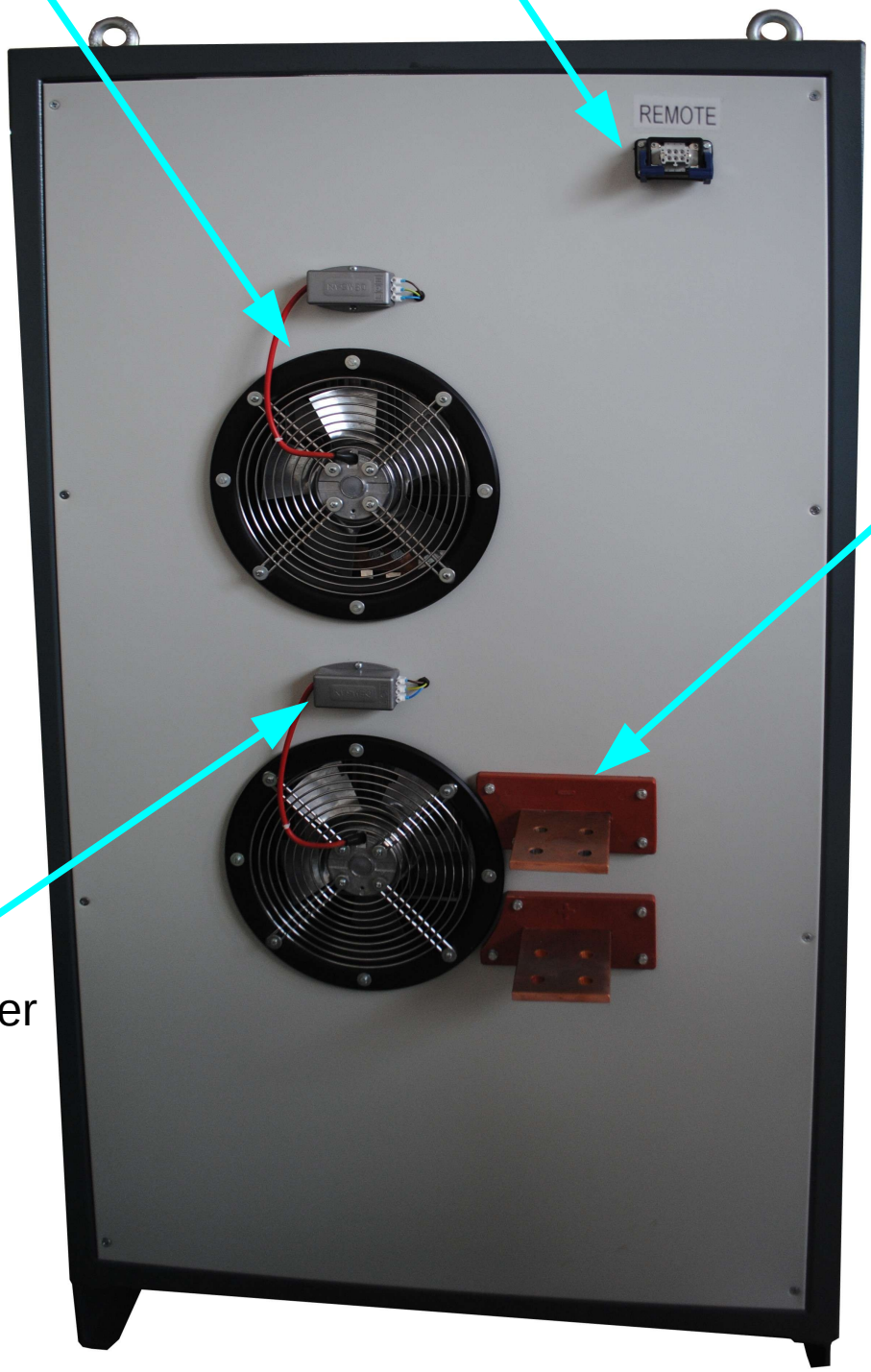
Air Cooling / Radial Fan

Remote Controller Socket



DC Output

Fan Controller

For More Information

www.mak-powersis.de / info@mak-powersis.de